

Claims:

1. A tool for operating a fluid actuated downhole tool, comprising:
an upper tubular portion defining a pathway for the downward flow of power fluid from a pipe thereabove;
a restriction portion for increasing the velocity of the power fluid and a return fluid and creating a area of low pressure therearound; and
a diverter portion for directing the high velocity power fluid and return fluid, the return fluid acting upon a piston in the downhole tool to actuate the downhole tool.
2. The tool of claim 1, wherein the fluid actuated tool comprises:
a body, the body attachable at an upper end to a tubular string;
a slidable member engaging the body and having an extended and retracted positions with respect to the body;
a biasing member biasing the slidable member in the extended position; and
a piston surface formed at a downhole end of the slidable member, the piston surface, when acted upon by a force, urging the slidable member into the retracted position.
3. The tool of claim 2, wherein the force acting upon the piston surface is a force created by a venturi disposed thereabove.
4. The tool of claim 2, further including a collet member disposed around the slidable member, the collet member including at least one finger formed at a downhole end thereof, the finger prevented from inward movement by the slidable member when the slidable member is in the extended position.
5. The tool of claim 4, wherein the at least one finger is constructed and arranged to contact a profile formed on a inside surface of a downhole tool and the finger is insertable into the profile when the tool is in the retracted position.
6. The tool of claim 4, wherein the at least one finger is fixed within the profile when the tool is in the extended position.

7. The tool of claim 4, wherein the collet member is disposed within the slidable member and the at least one finger is prevented from outward movement by the slidable member.

8. The tool of claim 7, wherein the at least one finger contacts a profile formed in the outside surface of a downhole tool.

9. A spoolable valve comprising:

a valve member to restrict the flow of a liquid therethrough, the valve member having an open and a closed position; and

a tubular body housing the valve, the tubular attachable at a first and second ends to a string of coiled tubing, the valve spoolable upon a reel with the coiled tubing.

10. The spoolable valve of claim 9, whereby the valve includes a second valve member.

11. A venturi apparatus, comprising:

an upper tubular portion having a restriction portion therein for creating a suction therebelow, the suction sufficient for urging debris from a wellbore into a container disposed below the apparatus; and

a valve assembly disposed above the tubular portion, the valve assembly including at least one valve to prevent fluid from flowing from the tubular portion therethrough.